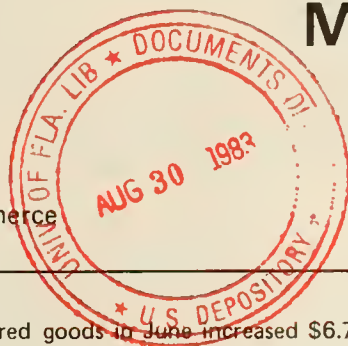




U.S. Department of Commerce
BUREAU OF THE CENSUS



Manufacturers' Shipments, Inventories, and Orders

JUNE 1983

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New orders for manufactured goods in June increased \$6.7 billion or 3.9 percent from May to \$176.8 billion, the Department of Commerce, Bureau of the Census reported today. This is the largest monthly increase since September 1980 when new orders increased 4.6 percent. In June the value of shipments of manufactured goods increased \$4.4 billion or 2.6 percent to \$172.5 billion. Both the new orders and shipments have increased 7 of the last 8 months but the incoming orders have exceeded shipments by \$15.4 billion since last October. The higher volume of incoming orders has resulted in unfilled orders increases for 6 of the last 7 months. At the end of June the backlog of orders held by manufacturers was \$315.2 billion, \$4.3 billion or 1.4 percent above the May level and \$17.1 billion above the November 1982 low of \$298.1 billion.

The book value of inventories held by manufacturers at the end of June was \$257.2 billion, 0.4 percent or \$1.0 billion below the May level. Except for a 0.3 percent increase in May and virtually no change in April, the inventory levels have been declining since November 1981 when they were valued at \$284.3 billion.

Durable goods new orders increased \$5.1 billion or 6.0 percent to \$89.9 billion, the largest 1-month increase since the January 8.1 percent rise. Most of the June increase was attributable to orders for defense capital goods. Excluding the defense industries, the June durable goods orders increased \$1.6 billion or 2.0 percent.

New orders for transportation equipment increased \$4.7 billion or 25 percent over May. Over three fourths of the transportation equipment increase was for defense orders for aircraft, aircraft parts and shipbuilding. When the industries are regrouped into the capital goods series the orders for defense capital goods were \$8.3 billion, \$3.5 billion or 74 percent above May. Again, most of that increase was a result of aircraft and aircraft parts orders. Nondefense capital goods orders increased \$1.0 billion or 4.3 percent to \$23.3 billion with the commercial aircraft and office and computing machine industries causing the rise.

Increases in orders for nonferrous and other primary metals only partially offset steel order declines, resulting in a drop in orders for primary metals industries of \$0.1 billion or 1.2 percent.

Within the machinery industries, declines were reported in both the electrical and nonelectrical segments. In the nonelectrical machinery all industries except for the office and computing machine industry contributed to the \$0.4 billion

or 2.4 percent decline. In the electrical machinery group, industry increases and decreases resulted in a \$0.1 billion or 0.9 percent decline.

All major industry groups contributed to the \$3.0 billion or 3.6 percent increase in the durable goods industry shipments. Shipments of aircraft and aircraft parts and motor vehicle and parts caused transportation equipment industry shipments to increase \$1.3 billion or 6.8 percent to \$20.6 billion. Electrical machinery industry shipments increased \$0.6 billion or 5.1 percent to \$13.4 billion, with all industries contributing to the increase.

Shipments of nondurable goods rose in June for the fourth successive month to \$86.6 billion. This was a \$1.4 billion or 1.6 percent increase over May. Nearly all major industry groups showed increases.

The backlog of orders for durable goods in June increased \$4.0 billion or 1.3 percent to \$305.0 billion. Excluding the defense backlog, the durable goods unfilled orders were \$198.0 billion, up \$1.0 billion or 0.5 percent from May. The June backlog of orders for defense capital goods was \$107.0 billion, \$3.0 billion or 2.9 percent above May. This continued the upward trend which began in January 1980, when the defense backlog was estimated at \$49.9 billion. The backlog of orders for nondefense capital goods increased for the third consecutive month. The June increase was \$0.3 billion or 0.2 percent to \$120.1 billion. Prior to these increases, the nondefense backlog had been steadily declining since February 1981.

The book value of inventories held by durable goods manufacturers declined in June by \$1.1 billion or 0.7 percent to \$169.6 billion. Except for small increases in May and April, the inventory level has been declining since November 1981. Most major industry groups contributed to the June inventory declines. The largest drop was in the aircraft and parts component of the transportation equipment where there was a decline of \$0.6 billion or 2.2 percent. This is the fifth decline in the last 6 months for the aircraft industry following 5 years of steady increases.

Inventories held by producers of nondurable goods increased in June, up \$0.2 billion or 0.2 percent to \$87.6 billion. Increases in tobacco, textile mill products, and apparel industries more than offset declines in the other industries.

The advance report on durable goods for July is scheduled for release on August 19, 1983, and the full report is scheduled for release on August 30, 1983.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell-Menth, (301) 763-2502.

For sale by Customer Services (DUSD) Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, \$1.50 per copy, \$18.00 per year.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

SIC Code	Industry	(Millions of dollars)							Not seasonally adjusted ¹					
		Seasonally adjusted												
		Monthly				Percent change			Monthly				Year to date	
		June 1983 ^P	May 1983 ^T	Apr. 1983	Mar. 1983	May- June ^P	Apr.- May ^T	Mar.- Apr.	June 1983 ^P	May 1983 ^T	Apr. 1983	Mar. 1983	1983 ^P	1982
	All manufacturing industries	172,516	168,155	163,372	161,803	+2.6	+2.9	+1.0	181,061	169,150	164,679	170,007	990,998	972,985
	Manufacturing industries with unfilled orders.....	88,289	85,501	83,795	83,196	+3.3	+2.0	+0.7	93,037	85,829	84,400	88,105	507,116	504,767
	Durable goods industries.....	85,938	82,964	80,548	79,595	+3.6	+3.0	+1.2	91,822	84,265	82,387	85,247	491,975	477,921
	With unfilled orders.....	69,883	67,398	66,009	65,542	+3.7	+2.1	+0.7	74,298	67,845	66,651	69,873	400,592	403,425
32	Stone, clay, and glass products.	4,112	4,039	3,885	3,822	+1.8	+4.0	+1.6	4,476	4,108	3,962	3,887	23,350	21,862
322	Glass containers.....	417	422	405	400	-1.2	+4.2	+1.3	464	430	407	434	2,487	2,445
33	Primary metals.....	9,596	9,481	8,958	8,925	+1.2	+5.8	+0.4	10,047	9,714	9,448	9,482	55,428	59,607
331	Blast furnaces, steel mills...	3,928	3,782	3,588	3,594	+3.9	+5.4	-0.2	4,112	3,774	3,792	3,896	22,223	27,703
333-9	Nonferrous and other primary metals.....	4,645	4,702	4,434	4,515	-1.2	+6.0	-1.8	4,817	4,876	4,656	4,727	27,578	26,182
34	Fabricated metal products.....	10,083	10,079	9,617	9,515	0.0	+4.8	+1.1	10,786	10,250	9,828	10,074	58,781	58,895
341	Metal cans, barrels, and drums	935	932	909	868	+0.3	+2.5	+4.7	1,035	967	900	893	5,481	5,859
35	Machinery, except electrical...	14,624	14,429	14,117	14,191	+1.4	+2.2	-0.5	15,870	14,315	14,038	15,424	85,246	95,809
351	Engines and turbines.....	1,033	1,001	960	929	+3.2	+4.3	+3.3	1,120	999	974	1,073	6,044	7,219
352	Farm machinery and equipment..	891	937	905	864	-4.9	+3.5	+4.7	979	1,013	1,009	1,037	5,704	6,571
353	Construction, mining, and material handling equipment..	2,534	2,370	2,110	2,062	+6.9	+12.3	+2.3	2,643	2,385	2,180	2,163	13,352	18,863
354	Metalworking machinery.....	599	643	638	588	-6.8	+0.8	+8.5	664	623	618	670	3,858	5,350
356	General industrial machinery..	1,186	1,107	1,128	1,137	+7.1	-1.9	-0.8	1,287	1,128	1,125	1,191	7,049	8,130
357	Office and computing machines.	3,530	3,606	3,755	4,142	-2.1	-4.0	-9.3	3,820	3,329	3,372	4,391	20,741	19,406
36	Electrical machinery.....	13,387	12,738	12,619	12,364	+5.1	+0.9	+2.1	14,192	12,605	12,545	12,967	75,565	71,254
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,782	1,682	1,781	1,790	+5.9	-5.6	-0.5	1,918	1,729	1,790	1,909	10,799	11,559
363	Household appliances.....	1,269	1,258	1,201	1,163	+0.9	+4.7	+3.3	1,379	1,237	1,198	1,231	7,284	5,941
365	Radio and TV.....	753	732	759	676	+2.9	-3.6	+12.3	858	640	642	652	4,011	3,909
366	Communication equipment.....	4,260	3,943	3,994	3,842	+8.0	-1.3	+4.0	4,562	3,992	4,097	4,124	23,942	22,112
367	Electronic components.....	3,082	2,922	2,688	2,856	+5.5	+8.7	-5.9	3,165	2,916	2,763	2,944	17,062	15,935
37	Transportation equipment.....	20,616	19,301	18,763	18,530	+6.8	+2.9	+1.3	22,269	20,290	19,902	20,529	118,226	100,844
371	Motor vehicles and parts.....	12,873	12,341	11,259	11,037	+4.3	+9.6	+2.0	14,115	13,135	12,264	12,346	73,423	59,110
372,6	Aircraft, missiles, and parts.	6,250	5,508	5,924	5,955	+13.5	-7.0	-0.5	6,618	5,638	5,950	6,489	35,371	31,317
3731	Shipbuilding and military tank vehicles.....	820	770	854	873	+6.5	-9.8	-2.2	842	823	832	907	5,122	6,062
38	Instruments and related products	4,058	3,964	3,971	3,946	+2.4	-0.2	+0.6	4,347	3,906	3,892	4,204	23,922	24,403
381-4	Scientific and engineering instruments.....	2,350	2,308	2,297	2,312	+1.8	+0.5	-0.6	2,508	2,264	2,297	2,504	14,145	14,149
386	Photographic goods.....	1,510	1,454	1,466	1,438	+3.9	-0.8	+1.9	1,632	1,440	1,393	1,490	8,594	9,105
24,25, 39	All other durable goods.....	9,462	8,933	8,618	8,302	+5.9	+3.7	+3.8	9,835	9,077	8,772	8,680	51,457	45,247
	Nondurable goods industries.....	86,578	85,191	82,824	82,208	+1.6	+2.9	+0.7	89,239	84,885	82,292	84,760	499,023	495,064
	With unfilled orders.....	18,406	18,103	17,786	17,654	+1.7	+1.8	+0.7	18,739	17,984	17,749	18,232	106,524	101,342
20	Food and kindred products.....	24,404	24,339	23,460	23,778	+0.3	+3.7	-1.3	25,169	23,904	22,835	24,454	141,362	137,683
201	Meat products.....	5,848	5,710	5,664	5,711	+2.4	+0.8	-0.8	5,830	5,659	5,398	5,562	33,253	32,360
208	Beverages.....	3,536	3,662	3,491	3,497	-3.4	+4.9	-0.2	4,049	3,819	3,554	3,423	20,915	20,345
207	Fats and oils.....	1,463	1,442	1,234	1,212	+1.5	+16.9	+1.8	1,413	1,352	1,203	1,303	7,907	8,079
203-6,9	All other foods.....	10,429	10,313	9,956	10,176	+1.1	+3.6	-2.2	10,627	9,859	9,568	10,959	60,449	57,953
21	Tobacco products.....	1,759	1,405	1,267	1,572	+25.2	+10.9	-19.4	1,800	1,414	1,269	1,476	8,126	6,925
22	Textile mill products.....	4,389	4,270	4,166	4,173	+2.8	+2.5	-0.2	4,757	4,332	4,140	4,557	25,180	23,929
26	Paper and allied products.....	7,062	6,918	6,994	6,695	+2.1	-1.1	+4.5	7,357	6,975	7,070	7,058	41,779	40,240
261-3,6	Pulp, paper etc.	3,019	2,910	2,937	2,812	+3.7	-0.9	+4.4	3,160	2,995	2,998	3,001	17,762	17,368
265	Paperboard containers.....	1,577	1,548	1,516	1,497	+1.9	+2.1	+1.3	1,628	1,554	1,546	1,580	9,289	9,272
264	All other paper products.....	2,466	2,460	2,541	2,386	+0.2	-3.2	+6.5	2,569	2,426	2,526	2,477	14,728	13,600
28	Chemicals and allied products...	15,789	15,681	14,635	14,716	+0.7	+7.1	-0.6	16,602	16,307	15,351	16,109	93,194	90,383
281,6	Industrial chemicals, except pigments	5,034	4,871	4,687	4,412	+3.3	+3.9	+6.2	5,261	4,944	4,893	4,995	28,865	29,477
283,4	Drugs, soaps, and toiletries .	3,983	4,164	3,929	4,062	-4.3	+6.0	-3.3	4,187	3,877	3,788	4,326	24,271	24,301
29	Petroleum and coal products	16,164	15,729	15,877	15,068	+2.8	-0.9	+5.4	16,446	15,730	15,431	14,781	91,835	102,863
30	Rubber and plastics products....	4,429	4,231	4,130	4,017	+4.7	+2.4	+2.8	4,655	4,237	4,280	4,148	25,351	25,611
23,27, 31	All other nondurable goods.....	12,582	12,618	12,295	12,189	-0.3	+2.6	+0.9	12,453	11,986	11,916	12,177	72,196	67,430
	Market categories:													
	Home goods and apparel.....	11,954	11,769	11,716	11,208	+1.6	+0.5	+4.5	12,263	11,182	11,220	11,709	67,587	63,717
	Consumer staples.....	32,681	32,423	31,133	32,055	+0.8	+4.1	-2.9	33,725	31,756	30,515	32,684	188,483	181,380
	Equipment and defense products, except automotive.....	24,749	23,448	23,992	23,797	+5.0	-2.3	+0.8	26,576	23,539	23,886	25,718	143,443	148,838
	Automotive equipment.....	14,810	14,242	13,139	12,902	+4.0	+8.4	+1.8	16,162	15,110	14,375	14,327	84,769	68,714
	Construction materials, supplies and intermediate products.....	13,408	13,039	12,333	12,291	+2.8	+5.7	+0.3	14,511	13,402	12,670	12,458	74,865	67,072
	Other materials, supplies, and intermediate products	74,914	73,234	71,059	69,550	+2.3	+3.1	+2.2	77,824	74,161	72,013	73,111	431,851	443,264
	Supplementary series: ²													
	Capital goods industries.....	28,352	26,788	27,402	27,153	+5.8	-2.2	+0.9	30,311	26,739	27,085	29,209	162,992	168,696
	Nondefense.....	23,018	21,612	22,131	22,037	+6.5	-2.3	+0.4	24,732	21,467	21,846	23,727	131,633	141,878
	Defense.....	5,334	5,176	5,271	5,116	+3.1	-1.8	+3.0	5,579	5,272	5,239	5,482	31,359	26,818
	Household durable goods industries.....	5,603	5,284	5,252	4,971	+6.0	+0.6	+5.7	5,732	5,152	5,127	5,296	30,510	28,586

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		Monthly				Percent change			Monthly				Year to date	
		June 1983 ^P	May 1983 ^T	Apr. 1983	Mar. 1983	May- June ^P	Apr.- May ^T	Mar.- Apr.	June 1983 ^P	May 1983 ^T	Apr. 1983	Mar. 1983	1983 ^P	1982
	All manufacturing industries	176,782	170,086	166,331	162,587	+3.9	+2.3	+2.3	182,043	168,612	167,206	172,686	1,005,408	964,191
	Manufacturing industries with unfilled orders.....	92,555	87,432	86,754	83,980	+5.9	+0.8	+3.3	94,019	85,291	86,927	90,784	521,526	495,973
	Durable goods industries.....	89,891	84,773	83,407	79,951	+6.0	+1.6	+4.3	92,732	83,631	84,710	87,411	505,208	469,923
	With unfilled orders.....	73,836	69,207	68,868	65,898	+6.7	+0.5	+4.5	75,208	67,211	68,974	72,037	413,825	395,427
32	Stone, clay, and glass products.	4,120	4,061	3,913	3,884	+1.5	+3.8	+0.7	4,443	4,163	4,020	3,938	23,630	21,484
33	Primary metals.....	9,841	9,963	8,952	9,183	-1.2	+11.3	-2.5	9,610	9,546	9,143	9,981	58,083	55,293
331	Blast furnaces, steel mills...	3,834	4,173	3,481	3,777	-8.1	+19.9	-7.8	3,555	3,695	3,586	4,222	23,516	24,660
333-9	Nonferrous and other primary metals.....	4,910	4,714	4,519	4,553	+4.2	+4.3	-0.7	4,932	4,760	4,576	4,865	28,821	25,539
34	Fabricated metal products.....	10,315	10,035	9,366	9,715	+2.8	+7.1	-3.6	10,960	10,146	9,548	10,555	58,834	56,765
35	Machinery, except electrical....	14,666	15,030	14,806	14,330	-2.4	+1.5	+3.3	15,807	14,637	14,571	15,396	85,141	87,335
351	Engines and turbines.....	774	1,171	871	838	-33.9	+34.4	+3.9	720	1,136	862	998	5,473	6,159
353	Construction, mining, and material handling equipment..	2,512	2,539	2,122	1,971	-1.1	+19.7	+7.7	2,605	2,426	2,176	2,075	13,136	15,316
354	Metalworking machinery.....	628	694	619	531	-9.5	+12.1	+16.6	701	654	609	603	3,673	3,738
356	General industrial machinery..	1,081	1,096	1,117	1,070	-1.4	-1.9	+4.4	1,150	1,121	1,095	1,132	6,825	7,552
357	Office and computing machines.	4,077	3,649	4,510	4,318	+11.7	-19.1	+4.4	4,545	3,481	4,134	4,447	21,871	19,549
36	Electrical machinery.....	13,719	13,849	13,181	12,526	-0.9	+5.1	+5.2	14,155	13,372	13,242	13,447	79,556	75,235
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,906	1,480	1,778	1,718	+28.8	-16.8	+3.5	1,982	1,526	1,834	1,869	10,679	11,008
363	Household appliances.....	1,236	1,281	1,223	1,204	-3.5	+4.7	+1.6	1,355	1,269	1,223	1,277	7,434	5,978
365	Radio and TV.....	677	983	686	540	-31.1	+43.3	+27.0	879	878	538	499	4,074	4,040
366	Communication equipment.....	4,780	4,339	4,354	3,955	+10.2	-0.3	+10.1	4,491	4,245	4,334	4,467	25,891	25,914
367	Electronic components.....	2,860	3,561	2,984	3,084	-19.7	+19.3	-3.2	3,110	3,370	3,279	3,226	18,942	16,490
37	Transportation equipment.....	23,313	18,621	20,226	17,953	+25.2	-7.9	+12.7	23,257	18,427	20,999	20,861	122,541	103,269
372,6	Aircraft, missiles, and parts.	8,397	4,349	7,162	5,946	+93.1	-39.3	+20.5	7,835	3,863	6,705	7,247	39,486	35,409
3731	Shipbuilding and military tank vehicles.....	1,151	1,170	796	346	-1.6	+47.0	+130.1	512	774	1,064	560	5,080	5,877
38	Instruments and related products	4,207	4,045	4,072	3,874	+4.0	-0.7	+5.1	4,556	3,929	3,961	4,221	24,487	24,501
24,25, 39	All other durable goods.....	9,710	9,169	8,891	8,486	+5.9	+3.1	+4.8	9,944	9,411	9,226	9,012	52,936	46,041
	Nondurable goods industries.....	86,891	85,313	82,924	82,636	+1.8	+2.9	+0.3	89,311	84,981	82,496	85,275	500,200	494,268
	With unfilled orders.....	18,719	18,225	17,886	18,082	+2.7	+1.9	-1.1	18,811	18,080	17,953	18,747	107,701	100,546
	Market categories:													
	Home goods and apparel.....	11,987	12,210	11,702	11,101	-1.8	+4.3	+5.4	12,309	11,704	11,433	11,763	68,854	64,611
	Consumer staples.....	32,647	32,439	31,133	32,036	+0.6	+4.2	-2.8	33,696	31,719	30,486	32,648	188,403	181,378
	Equipment and defense products, except automotive.....	27,115	23,708	26,718	22,261	+14.4	-11.3	+20.0	27,077	22,460	25,827	25,443	147,714	150,230
	Automotive equipment.....	15,023	14,303	13,417	12,806	+5.0	+6.6	+4.8	16,273	15,054	14,480	14,191	84,985	67,380
	Construction materials, supplies and intermediate products.....	13,441	12,776	12,219	12,815	+5.2	+4.6	-4.7	14,483	13,251	12,630	13,108	75,267	65,898
	Other materials, supplies, and intermediate products	76,569	74,650	71,142	71,568	+2.6	+4.9	-0.6	78,205	74,424	72,350	75,533	440,185	434,694
	Supplementary series: ²													
	Capital goods industries.....	31,588	27,084	29,671	26,601	+16.6	-8.7	+11.5	31,205	25,501	28,890	29,914	169,229	167,683
	Nondefense.....	23,265	22,302	22,592	20,032	+4.3	-1.3	+12.8	24,510	21,388	22,093	22,414	129,149	130,884
	Defense.....	8,323	4,782	7,079	6,569	+74.0	-32.4	+7.8	6,695	4,113	6,797	7,500	40,080	36,799
	Household durable goods industries.....	5,608	5,701	5,249	4,940	-1.6	+8.6	+6.3	5,761	5,639	5,313	5,382	31,694	29,496

^PPreliminary. ^TRevised.¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are, as of the end of the period and are not adjusted for trading-day or calendar-month variations.

The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted						Not seasonally adjusted ¹					
		End of month				Percent change			End of month				
		June 1983 ^P	May 1983 ^T	Apr. 1983	Mar. 1983	May- June ^P	Apr.- May ^T	Mar.- Apr.	June 1983 ^P	May 1983 ^T	Apr. 1983	Mar. 1983	June 1982
	All manufacturing industries..	315,211	310,945	309,015	306,053	+1.4	+0.6	+1.0	314,142	313,160	313,705	311,178	312,608
	Durable goods industries.....	305,033	301,076	299,270	296,407	+1.3	+0.6	+1.0	303,989	303,078	303,720	301,397	303,637
32	Stone, clay, and glass products...	1,907	1,899	1,877	1,848	+0.4	+1.2	+1.6	1,935	1,968	1,914	1,855	1,871
33	Primary metals.....	23,288	23,042	22,561	22,567	+1.1	+2.1	0.0	22,947	23,383	23,551	23,857	22,131
331	Blast furnaces, steel mills.....	13,578	13,672	13,281	13,388	-0.7	+2.9	-0.8	13,361	13,918	13,998	14,205	12,941
333-9	Nonferrous and other primary metals.....	7,344	7,079	7,067	6,982	+3.7	+0.2	+1.2	7,307	7,192	7,307	7,387	6,671
34	Fabricated metal products.....	21,192	20,961	21,003	21,255	+1.1	-0.2	-1.2	21,292	21,119	21,223	21,503	26,295
35	Machinery, except electrical.....	55,331	55,287	54,690	53,999	+0.1	+1.1	+1.3	55,426	55,488	55,167	54,633	64,754
351	Engines and turbines.....	14,629	14,888	14,719	14,806	-1.7	+1.1	-0.6	14,488	14,888	14,750	14,863	16,690
353	Construction, mining, and material handling equipment....	5,449	5,471	5,303	5,291	-0.4	+3.2	+0.2	5,417	5,455	5,414	5,418	7,872
354	Metalworking machinery.....	2,224	2,195	2,145	2,164	+1.3	+2.3	-0.9	2,211	2,173	2,143	2,151	3,346
356	General industrial machinery....	4,469	4,573	4,585	4,596	-2.3	-0.3	-0.2	4,469	4,605	4,613	4,642	5,726
357	Office and computing machines...	18,822	18,275	18,232	17,477	+3.0	+0.2	+4.3	19,274	18,549	18,396	17,634	20,039
36	Electrical machinery.....	63,411	63,078	61,967	61,408	+0.5	+1.8	+0.9	63,597	63,634	62,869	62,173	57,067
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	6,612	6,488	6,690	6,693	+1.9	-3.0	0.0	6,642	6,578	6,780	6,737	7,181
363	Household appliances.....	424	458	435	414	-7.4	+5.3	+5.1	455	479	448	423	310
365	Radio and TV.....	456	532	281	355	-14.3	+89.3	-20.8	470	448	211	314	565
366	Communication equipment.....	40,626	40,105	39,710	39,351	+1.3	+1.0	+0.9	40,454	40,526	40,274	40,037	34,872
367	Electronic components.....	14,017	14,238	13,598	13,302	-1.6	+4.7	+2.2	14,297	14,352	13,898	13,382	12,871
37	Transportation equipment.....	127,479	124,783	125,463	123,997	+2.2	-0.5	+1.2	126,160	125,171	127,036	125,940	118,709
372,6	Aircraft, missiles, and parts...	98,101	95,954	97,112	95,873	+2.2	-1.2	+1.3	97,464	96,247	98,024	97,270	93,336
3731	Shipbuilding and military tank vehicles.....	23,151	22,822	22,422	22,479	+1.4	+1.8	-0.3	22,704	23,033	23,082	22,850	19,578
38	Instruments and related products..	7,471	7,320	7,239	7,137	+2.1	+1.1	+1.4	7,540	7,331	7,309	7,240	7,269
24,25, 39	All other durable goods.....	4,954	4,706	4,470	4,196	+5.3	+5.3	+6.5	5,092	4,984	4,651	4,196	4,846
	Nondurable goods industries.....	10,178	9,869	9,745	9,646	+3.1	+1.3	+1.0	10,153	10,082	9,985	9,781	8,971
	Market categories:												
	Home goods and apparel.....	4,045	4,015	3,575	3,589	+0.7	+12.3	-0.4	4,270	4,224	3,704	3,490	4,592
	Consumer staples.....	741	775	759	759	-4.4	+2.1	0.0	685	714	751	780	756
	Equipment and defense products, except automotive.....	188,080	185,713	185,457	182,729	+1.3	+0.1	+1.5	187,311	186,808	187,891	185,949	186,857
	Automotive equipment.....	5,787	5,573	5,512	5,234	+3.8	+1.1	+5.3	5,567	5,456	5,512	5,407	5,130
	Construction materials, supplies and intermediate products.....	12,659	12,627	12,889	13,003	+0.3	-2.0	-0.9	12,848	12,876	13,028	13,068	15,551
	Other materials, supplies, and intermediate products	103,899	102,242	100,823	100,739	+1.6	+1.4	+0.1	103,461	103,082	102,819	102,484	99,722
	Supplementary series: ²												
	Capital goods industries.....	227,092	223,854	223,562	221,290	+1.4	+0.1	+1.0	225,951	225,056	226,297	224,494	223,107
	Nondefense.....	120,058	119,808	119,122	118,658	+0.2	+0.6	+0.4	119,795	120,017	120,098	119,853	134,424
	Defense.....	107,034	104,046	104,440	102,632	+2.9	-0.4	+1.8	106,156	105,039	106,199	104,641	88,683
	Household durable goods industries.....	3,576	3,572	3,156	3,159	+0.1	+13.2	-0.1	3,780	3,750	3,266	3,079	4,096

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month				Percent change			End of month				June 1982
		June 1983 ^P	May 1983 ^E	Apr. 1983	Mar. 1983	May- June ^P	Apr.- May ^E	Mar.- Apr.	June 1983 ^P	May ^E 1983	Apr. 1983	Mar. 1983	
	All manufacturing industries..	257,191	258,149	257,397	257,304	-0.4	+0.3	0.0	257,703	260,480	260,170	259,430	275,461
	Manufacturing industries with unfilled orders.....	175,886	176,910	176,177	175,876	-0.6	+0.4	+0.2	177,279	179,163	178,223	177,323	190,588
	Durable goods industries.....	169,617	170,734	169,814	169,377	-0.7	+0.5	+0.3	170,394	172,589	171,819	171,120	183,581
	With unfilled orders.....	155,429	156,542	155,871	155,516	-0.7	+0.4	+0.2	156,198	158,170	157,503	156,783	168,789
32	Stone, clay, and glass products...	5,699	5,727	5,783	5,786	-0.5	-1.0	-0.1	5,801	5,923	5,975	5,963	6,208
322	Glass containers.....	637	640	654	653	-0.5	-2.1	+0.2	644	658	668	652	656
33	Primary metals.....	20,302	20,563	20,543	20,174	-1.3	+0.1	+1.8	20,152	20,584	20,660	20,298	23,970
331	Blast furnaces, steel mills.....	9,799	9,961	10,008	9,770	-1.6	-0.5	+2.4	9,672	9,851	9,848	9,603	12,384
333-9	Nonferrous and other primary metals.....	9,327	9,434	9,362	9,269	-1.1	+0.8	+1.0	9,299	9,528	9,587	9,520	10,342
34	Fabricated metal products.....	17,382	17,310	17,264	17,121	+0.4	+0.3	+0.8	17,675	17,726	17,670	17,524	19,958
341	Metal cans, barrels, and drums...	1,953	2,040	1,938	1,872	-4.3	+5.3	+3.5	2,171	2,293	2,194	2,069	2,033
35	Machinery, except electrical.....	37,902	38,197	38,269	38,636	-0.8	-0.2	-0.9	38,118	38,686	38,684	38,806	43,357
351	Engines and turbines.....	2,151	2,178	2,178	2,211	-1.2	0.0	-1.5	2,152	2,198	2,212	2,221	2,670
352	Farm machinery and equipment....	1,979	1,901	1,913	1,882	+4.1	-0.6	+1.6	2,025	1,964	1,997	1,986	2,580
353	Construction, mining, and material handling equipment....	7,756	7,991	8,115	8,347	-2.9	-1.5	-2.8	7,826	8,103	8,220	8,430	10,406
354	Metalworking machinery.....	2,233	2,272	2,251	2,298	-1.7	+0.9	-2.0	2,242	2,296	2,269	2,279	2,720
356	General industrial machinery....	3,821	3,924	3,937	3,952	-2.6	-0.3	-0.4	3,855	3,947	3,973	3,984	4,137
357	Office and computing machines....	9,879	9,827	9,797	9,805	+0.5	+0.3	-0.1	9,889	9,905	9,748	9,668	9,580
36	Electrical machinery.....	26,624	26,424	26,165	26,085	+0.8	+1.0	+0.3	27,004	26,946	26,609	26,292	27,912
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	3,976	3,975	3,954	4,006	0.0	+0.5	-1.3	4,013	4,060	4,011	3,985	4,520
363	Household appliances.....	1,914	1,829	1,841	1,833	+4.6	-0.7	+0.4	2,008	1,962	1,948	1,879	2,008
365	Radio and TV.....	961	944	976	974	+1.8	-3.3	+0.2	989	991	985	952	1,320
366	Communication equipment.....	10,444	10,399	10,169	10,051	+0.4	+2.3	+1.2	10,455	10,477	10,297	10,188	10,100
367	Electronic components.....	5,351	5,353	5,320	5,356	0.0	+0.6	-0.7	5,442	5,406	5,373	5,388	5,651
37	Transportation equipment.....	39,110	39,826	39,278	39,150	-1.8	+1.4	+0.3	38,781	39,739	39,424	39,554	38,071
371	Motor vehicles and parts.....	8,399	8,466	8,367	8,144	-0.8	+1.2	+2.7	8,115	8,333	8,328	8,239	8,241
372,6	Aircraft, missiles, and parts...	27,775	28,390	28,045	28,053	-2.2	+1.2	0.0	27,772	28,466	28,209	28,325	26,461
3731	Shipbuilding and military tank vehicles.....	1,563	1,615	1,598	1,594	-3.2	+1.1	+0.3	1,581	1,605	1,603	1,590	1,781
38	Instruments and related products..	8,864	8,965	8,927	8,830	-1.1	+0.4	+1.1	9,064	9,153	9,088	8,914	9,791
381-4	Scientific and engineering instruments.....	6,376	6,489	6,474	6,419	-1.7	+0.2	+0.9	6,503	6,580	6,551	6,464	6,741
386	Photographic goods.....	1,962	1,956	1,925	1,907	+0.3	+1.6	+0.9	2,025	2,036	2,000	1,936	2,451
24,25, 39	All other durable goods.....	13,734	13,722	13,585	13,595	+0.1	+1.0	-0.1	13,799	13,832	13,709	13,769	14,301
	Nondurable goods industries.....	87,574	87,415	87,583	87,927	+0.2	-0.2	-0.4	87,309	87,891	88,351	88,310	91,880
	With unfilled orders.....	20,457	20,368	20,306	20,360	+0.4	+0.3	-0.3	21,081	20,993	20,720	20,540	21,795
20	Food and kindred products.....	20,357	20,496	20,536	20,654	-0.7	-0.2	-0.6	19,276	19,641	20,055	20,352	19,624
201	Meat products.....	1,888	2,043	2,021	2,027	-7.6	+1.1	-0.3	1,884	2,066	2,114	2,053	2,061
208	Beverages.....	3,717	3,685	3,599	3,583	+0.9	+2.4	+0.4	3,639	3,692	3,671	3,694	3,581
207	Fats and oils.....	1,181	1,226	1,359	1,246	-3.7	-9.8	+9.1	1,094	1,188	1,365	1,321	1,271
203-6,9	All other foods.....	11,852	11,833	11,861	12,097	+0.2	-0.2	-2.0	10,904	10,934	11,185	11,613	10,991
21	Tobacco products.....	4,718	4,609	4,707	4,596	+2.4	-2.1	+2.4	4,425	4,503	4,754	4,762	4,391
22	Textile mill products.....	6,494	6,349	6,225	6,180	+2.3	+2.0	+0.7	6,577	6,574	6,409	6,338	6,391
26	Paper and allied products.....	8,335	8,347	8,304	8,370	-0.1	+0.5	-0.8	8,553	8,597	8,507	8,459	8,811
261-3,6	Pulp, paper etc.	3,288	3,305	3,302	3,278	-0.5	+0.1	+0.7	3,330	3,373	3,348	3,307	3,381
265	Paperboard containers.....	2,145	2,155	2,162	2,162	-0.5	-0.3	0.0	2,231	2,218	2,213	2,173	2,337
264	All other paper products.....	2,902	2,887	2,840	2,930	+0.5	+1.7	-3.1	2,992	3,006	2,946	2,979	3,091
28	Chemicals and allied products....	19,248	19,267	19,401	19,364	-0.1	-0.7	+0.2	19,171	19,521	19,760	19,662	20,991
281,6	Industrial chemicals, except pigments	5,787	5,862	5,932	5,907	-1.3	-1.2	+0.4	5,793	5,968	6,015	5,925	6,831
283,4	Drugs, soaps, and toiletries ...	6,181	6,206	6,186	6,198	-0.4	+0.3	-0.2	6,323	6,367	6,285	6,192	6,621
29	Petroleum and coal products	8,477	8,584	8,588	8,855	-1.2	0.0	-3.0	8,465	8,517	8,542	8,753	9,131
30	Rubber and plastics products.....	5,676	5,656	5,638	5,629	+0.4	+0.3	+0.2	5,732	5,822	5,901	5,789	6,311
23,27, 31	All other nondurable goods.....	14,269	14,107	14,184	14,279	+1.1	-0.5	-0.7	15,110	14,716	14,423	14,195	16,191
	Market categories:												
	Home goods and apparel.....	20,098	19,893	19,800	19,737	+1.0	+0.5	+0.3	21,017	20,767	20,189	19,794	22,241
	Consumer staples.....	33,005	32,982	32,998	33,192	+0.1	0.0	-0.6	31,957	32,276	32,726	33,025	32,701
	Equipment and defense products, except automotive.....	73,107	74,126	73,713	73,963	-1.4	+0.6	-0.3	73,430	74,804	74,405	74,573	77,981
	Automotive equipment.....	10,424	10,509	10,297	10,123	-0.8	+2.1	+1.7	10,098	10,406	10,331	10,330	10,481
	Construction materials, supplies and intermediate products.....	18,786	18,545	18,604	18,607	+1.3	-0.3	0.0	18,969	18,855	18,990	19,102	20,161
	Other materials, supplies, and intermediate products	101,771	102,094	101,985	101,682	-0.3	+0.1	+0.3	102,232	103,372	103,529	102,606	111,871
	Supplementary series: ²												
	Capital goods industries.....	83,089	84,006	83,447	83,740	-1.1	+0.7	-0.3	83,477	84,838	84,246	84,263	87,671
	Nondefense.....	65,997	66,766	66,597	66,916	-1.2	+0.3	-0.5	66,138	67,388	67,305	67,290	73,031
	Defense.....	17,092	17,240	16,850	16,824	-0.9	+2.3	+0.2	17,339	17,450	16,941	16,973	14,631
	Household durable goods industries.....	9,799	9,786	9,749	9,666	+0.1	+0.4	+0.9	10,069	10,105	9,929	9,737	10,821

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of Dollars)														
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted					
		End of Month				Percent change			End of Month					
		June 1983 ^P	May 1983 ^F	Apr. 1983	Mar. 1983	May- June ^F	Apr.- May ^F	Mar.- Apr.	June 1983 ^P	May 1983 ^F	Apr. 1983	Mar. 1983	June 1982	
MATERIALS AND SUPPLIES														
	All manufacturing industries..	85,348	85,174	84,990	84,831	+0.2	+0.2	+0.2	85,035	85,427	85,633	85,690	91,868	
	Durable goods industries.....	50,209	50,582	50,268	50,016	-0.7	+0.6	+0.5	50,111	50,545	50,320	50,180	55,457	
32	Stone, clay, and glass products...	1,909	1,928	1,950	1,982	-1.0	-1.1	-1.6	1,915	1,929	1,956	1,986	2,127	
33	Primary metals	6,937	7,078	7,181	7,140	-2.0	-1.4	+0.6	6,809	6,901	7,000	7,085	8,676	
34	Fabricated metal products.....	6,675	6,712	6,641	6,491	-0.6	+1.1	+2.3	6,694	6,771	6,734	6,637	7,298	
35	Machinery, except electrical.....	10,711	10,998	10,912	10,919	-2.6	+0.8	-0.1	10,735	11,015	10,979	10,900	12,064	
36	Electrical Machinery.....	7,272	7,206	7,117	7,250	+0.9	+1.3	-1.8	7,361	7,312	7,233	7,225	7,805	
37	Transportation equipment.....	9,257	9,123	8,928	8,782	+1.5	+2.2	+1.7	9,246	9,179	8,972	8,889	9,160	
38	Instruments and related products..	2,462	2,601	2,643	2,544	-5.3	-1.6	+3.9	2,494	2,606	2,651	2,584	3,041	
24,25, 39	All other durable goods.....	4,986	4,936	4,896	4,908	+1.0	+0.8	-0.2	4,857	4,832	4,795	4,874	5,284	
	Nondurable goods industries.....	35,139	34,592	34,722	34,815	+1.6	-0.4	-0.3	34,924	34,882	35,313	35,510	36,411	
20	Food and kindred products.....	7,722	7,539	7,699	7,688	+2.4	-2.1	+0.1	7,454	7,444	7,729	7,878	7,459	
21	Tobacco products.....	4,171	4,047	4,147	4,083	+3.1	-2.4	+1.6	3,925	3,991	4,220	4,255	3,992	
22	Textile mill products.....	1,886	1,892	1,839	1,827	-0.3	+2.9	+0.7	1,946	1,985	1,924	1,911	1,932	
26	Paper and allied products.....	4,183	4,151	4,138	4,188	+0.8	+0.3	-1.2	4,227	4,175	4,180	4,195	4,354	
28	Chemicals and allied products.....	7,236	7,212	7,253	7,326	+0.3	-0.6	-1.0	7,195	7,335	7,427	7,489	7,919	
29	Petroleum and coal products.....	2,478	2,446	2,368	2,335	+1.3	+3.3	+1.4	2,519	2,542	2,432	2,375	2,474	
30	Rubber and plastics products.....	2,050	2,001	1,969	1,954	+2.4	+1.6	+0.8	2,077	2,008	1,999	1,942	2,106	
23,27, 31	All other nondurable goods.....	5,413	5,304	5,309	5,414	+2.1	-0.1	-1.9	5,581	5,402	5,402	5,465	6,427	
WORK IN PROCESS														
	All manufacturing industries..	89,995	90,860	90,365	90,060	-0.9	+0.5	+0.3	89,830	91,464	91,118	90,735	94,929	
	Durable goods industries.....	75,852	76,686	76,018	75,896	-1.1	+0.9	+0.2	75,750	77,118	76,619	76,550	79,673	
32	Stone, clay, and glass products...	842	829	814	802	+1.6	+1.8	+1.5	873	873	876	861	928	
33	Primary metals	7,216	7,285	7,330	7,335	-0.9	-0.6	-0.1	7,221	7,365	7,381	7,308	8,729	
34	Fabricated metal products.....	6,066	6,011	5,948	5,939	+0.9	+1.1	+0.2	6,200	6,177	6,097	6,080	6,996	
35	Machinery, except electrical.....	15,540	15,621	15,647	15,887	-0.5	-0.2	-1.5	15,403	15,752	15,760	15,908	17,725	
36	Electrical Machinery.....	13,928	13,888	13,690	13,465	+0.3	+1.4	+1.7	14,028	14,023	13,829	13,581	13,835	
37	Transportation equipment.....	24,980	25,837	25,445	25,398	-3.3	+1.5	+0.2	24,673	25,659	25,494	25,684	23,948	
38	Instruments and related products..	4,065	4,005	3,949	3,935	+1.5	+1.4	+0.4	4,121	4,060	4,015	3,982	4,211	
24,25, 39	All other durable goods.....	3,215	3,210	3,195	3,135	+0.2	+0.5	+1.9	3,231	3,209	3,167	3,146	3,301	
	Nondurable goods industries.....	14,143	14,174	14,347	14,164	-0.2	-1.2	-1.3	14,080	14,346	14,499	14,185	15,256	
20	Food and kindred products.....	1,736	1,759	1,785	1,808	-1.3	-1.5	-1.3	1,719	1,770	1,771	1,819	1,955	
21	Tobacco products.....	180	222	208	222	-18.9	+6.7	-6.3	120	167	158	193	85	
22	Textile mill products.....	2,129	2,048	2,024	2,022	+4.0	+1.2	+0.1	2,091	2,073	2,057	2,038	1,995	
26	Paper and allied products.....	1,035	1,034	1,026	1,017	+0.1	+0.8	+0.9	1,067	1,052	1,049	1,028	1,076	
28	Chemicals and allied products.....	3,252	3,261	3,331	3,269	-0.3	-2.1	+1.9	3,247	3,323	3,384	3,296	3,524	
29	Petroleum and coal products.....	1,758	1,859	1,846	1,857	-5.4	+0.7	-0.6	1,761	1,874	1,892	1,872	2,227	
30	Rubber and plastics products.....	937	922	981	909	+1.6	-6.0	+7.9	915	923	1,002	913	1,156	
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	
FINISHED GOODS														
	All manufacturing industries..	81,848	82,115	82,042	82,413	-0.3	+0.1	-0.5	82,838	83,589	83,419	83,005	88,664	
	Durable goods industries.....	43,556	43,466	43,528	43,465	+0.2	-0.1	+0.1	44,533	44,926	44,880	44,390	48,451	
32	Stone, clay, and glass products...	2,948	2,970	3,019	3,002	-0.7	-1.6	+0.6	3,013	3,121	3,143	3,116	3,153	
33	Primary metals	6,149	6,200	6,032	5,699	-0.8	+2.8	+5.8	6,122	6,318	6,279	5,905	6,563	
34	Fabricated metal products.....	4,641	4,587	4,675	4,691	+1.2	-1.9	-0.3	4,781	4,778	4,839	4,807	5,664	
35	Machinery, except electrical.....	11,651	11,578	11,710	11,830	+0.6	-1.1	-1.0	11,980	11,919	11,945	11,998	13,568	
36	Electrical Machinery.....	5,424	5,330	5,358	5,370	+1.8	-0.5	-0.2	5,615	5,611	5,547	5,486	6,272	
37	Transportation equipment.....	4,873	4,866	4,905	4,970	+0.1	-0.8	-1.3	4,862	4,901	4,958	4,981	4,964	
38	Instruments and related products..	2,337	2,359	2,335	2,351	-0.9	+1.0	-0.7	2,449	2,487	2,422	2,348	2,545	
24,25, 39	All other durable goods.....	5,533	5,576	5,494	5,552	-0.8	+1.5	-1.0	5,711	5,791	5,747	5,749	5,722	
	Nondurable goods industries.....	38,292	38,649	38,514	38,948	-0.9	+0.4	-1.1	38,305	38,663	38,539	38,615	40,213	
20	Food and kindred products.....	10,899	11,198	11,052	11,158	-2.7	+1.3	-0.9	10,103	10,427	10,555	10,655	10,210	
21	Tobacco products.....	367	340	352	291	+7.9	-3.4	+21.0	380	345	376	314	320	
22	Textile mill products.....	2,479	2,409	2,362	2,331	+2.9	+2.0	+1.3	2,540	2,516	2,428	2,389	2,470	
26	Paper and allied products.....	3,117	3,162	3,140	3,163	-1.4	+0.7	-0.8	3,259	3,370	3,378	3,236	3,387	
28	Chemicals and allied products.....	8,760	8,794	8,817	8,769	-0.4	-0.3	+0.5	8,729	8,863	8,949	8,877	9,556	
29	Petroleum and coal products.....	4,241	4,279	4,374	4,663	-0.9	-2.2	-6.2	4,185	4,101	4,218	4,506	4,432	
30	Rubber and plastics products.....	2,689	2,733	2,688	2,766	-1.6	+1.7	-2.8	2,740	2,891	2,900	2,934	3,054	
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	

^PPreliminary.^FRevised.

(S) Suppressed because data do not meet Census Bureau publication standards.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)									
SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio ¹			
		June 1983 ^p	May 1983 ^r	Apr. 1983	Mar. 1983	June 1983 ^p	May 1983 ^r	Apr. 1983	Mar. 1983
	All manufacturing industries.....	1.49	1.54	1.58	1.59	3.57	3.64	3.69	3.68
	Durable goods industries.....	1.97	2.06	2.11	2.13	4.36	4.47	4.53	4.52
32	Stone, clay, and glass products.....	1.39	1.42	1.49	1.51	0.52	0.53	0.54	0.54
33	Primary metals.....	2.12	2.17	2.29	2.26	2.43	2.43	2.52	2.53
34	Fabricated metal products.....	1.72	1.72	1.80	1.80	2.32	2.29	2.41	2.46
35	Machinery, except electrical.....	2.59	2.65	2.71	2.72	4.03	4.10	4.14	4.05
36	Electrical machinery.....	1.99	2.07	2.07	2.11	4.74	4.95	4.91	4.97
37	Transportation equipment.....	1.90	2.06	2.09	2.11	10.96	11.76	11.59	11.47
38	Instruments and related products.....	2.18	2.26	2.25	2.24	1.84	1.85	1.82	1.81
	Nondurable goods industries.....	1.01	1.03	1.06	1.07	0.55	0.55	0.55	0.55
20	Food and kindred products.....	0.83	0.84	0.88	0.87	(X)	(X)	(X)	(X)
21	Tobacco products.....	2.68	3.28	3.72	2.92	(X)	(X)	(X)	(X)
22	Textile mill products.....	1.48	1.49	1.49	1.48	1.32	1.31	1.30	1.30
26	Paper and allied products.....	1.18	1.21	1.19	1.25	0.45	0.45	0.45	0.45
28	Chemicals and allied products.....	1.22	1.23	1.33	1.32	(X)	(X)	(X)	(X)
29	Petroleum and coal products.....	0.52	0.55	0.54	0.59	(X)	(X)	(X)	(X)
30	Rubber and plastics products.....	1.28	1.34	1.37	1.40	(X)	(X)	(X)	(X)

^pPreliminary. ^rRevised. (X) Not applicable.

¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)													
SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago June 1982	All Junes 1978-1982	June 1982-May 1983	Year ago June 1982	All Junes 1978-1982	June 1982-May 1983	Year ago June 1982	All Junes 1978-1982	June 1982-May 1983	Year ago June 1982	All Junes 1978-1982	June 1982-May 1983
	All manufacturing industries.	0.3	0.3	0.4	0.1	0.2	0.3	0.1	0.1	0.2	0.0	0.1	0.1
	Durable goods industries.....	0.0	0.2	0.3	0.4	0.3	0.6	0.1	0.1	0.2	0.0	0.1	0.1
32	Stone, clay, and glass products...	2.4	1.4	1.3	0.8	2.2	1.4	3.6	2.3	1.6	0.4	0.5	0.8
33	Primary metals.....	0.7	0.5	0.8	0.3	0.9	1.2	0.4	0.3	0.3	0.1	0.3	0.3
34	Fabricated metal products.....	0.5	0.3	1.1	0.3	0.8	2.1	0.1	0.2	0.5	0.0	0.3	0.3
35	Machinery, except electrical.....	1.0	1.0	0.7	0.4	1.6	2.1	0.1	0.3	0.5	0.2	0.3	0.2
36	Electrical machinery.....	0.5	0.4	0.5	0.2	0.4	1.0	0.2	0.1	0.2	0.4	0.2	0.3
37	Transportation equipment.....	1.1	0.6	1.0	1.1	1.7	1.7	0.0	0.2	0.2	0.3	0.4	0.2
38	Instruments and related products..	1.5	0.7	0.9	0.4	0.9	1.3	0.9	0.5	0.7	0.9	0.4	0.6
	Nondurable goods industries.....	0.6	0.6	0.4	0.5	0.5	0.4	1.4	0.6	0.6	0.1	0.1	0.3
20	Food and kindred products.....	0.9	0.8	0.7	(X)	(X)	(X)	(X)	(X)	(X)	1.9	0.7	0.8
21	Tobacco products.....	0.0	2.3	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.6	0.1
22	Textile mill products.....	1.6	0.8	1.6	5.7	1.7	1.8	2.1	0.9	1.1	0.4	0.2	0.6
26	Paper and allied products.....	0.4	0.5	1.2	1.6	0.8	2.0	2.4	0.7	1.8	0.1	0.2	0.4
28	Chemicals and allied products.....	2.6	1.3	1.2	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.2	0.4
29	Petroleum and coal products.....	0.5	0.6	0.8	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.7	1.0
30	Rubber and plastics products.....	1.0	1.7	1.3	(X)	(X)	(X)	(X)	(X)	(X)	0.6	1.0	0.9
	Capital Goods Industries:												
	Nondefense.....	0.4	0.8	0.8	0.0	0.7	1.8	0.1	0.1	0.5	0.1	0.3	0.1
	Defense.....	0.1	1.3	0.8	1.3	3.8	3.6	0.0	0.3	0.3	0.1	0.4	0.4

(X) Not Applicable

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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